

From: Withrow, Mark
To: [Randell, George](#); [Sadrpour, Shirin](#); [Benfield, Heather](#); [ODonnell, Maclyn](#)
Subject: Fwd: Wilmington Marine Services Proposed Sampling Plan for USEPA
Date: Tuesday, January 02, 2018 6:44:46 PM
Attachments: [Proposed Sample Locations EPA 20180102.pdf](#)
[WMS Groundwater Data Summary 2018-01-02.pdf](#)

Good Evening George,

Attached please find our proposed sampling location map and a summary table of our previous groundwater sampling data which we had not provided. PCBs were not detected in the two grab samples that we collected to date.

A brief explanation of our map and sampling plan is provided below.

The entire Site has been divided into a 50-foot by 50-foot grid with a smaller grid of 25-foot by 25-foot grid to delineate the western section of the Site, based on observed elevated metals and PCBs; New locations are green circles.

Previous sample locations without PCB analysis will be resampled for PCBs. These locations will be adjacent to the original sample locations (red Xs on the map);

Areas with elevated concentrations will be further delineated with 10-foot step-out sampling locations and include (yellow circles on the map)

- TPH and PCB contamination near Tt-WMS38 and Tt-WMS39
- Metal and PCB contamination near Tt-WMS53, Tt-WMS40, and Tt-MWS5

Soil samples will be collected at 0.5, 2.5, and 5 ft bgs and analyzed for moisture content, PCBs, Metals, and TPH at all sampling locations;

- Samples will be analyzed via USEPA Method 8082 with the Soxhlet extraction method (3540C) for PCBs
- Samples will be analyzed via USEPA Methods 6010/7471 (mercury) for Title 22 Metals
- Samples will be analyzed via USEPA Method 8015 for TPH-gasoline C4-C12 and TEPH C13-40;

All analytical data will be reported on a dry weight basis

Two groundwater samples will be collected via the Hydropunch technique within the two areas of highest concern: adjacent to locations

Tt-WMS20 and Tt-WMS53 (blue circles) and will be analyzed for PCBs, Metals, and TPH-gasoline C4-C12 and TEPH C13-40;

We look forward to our upcoming conference call. Please let us know if you need anything else.

Regards,

Mark

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